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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant and Assignee:
Address of Applicant and Assignee:

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Commissioner for Patents
P. O. Box 1450
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**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Robert P. Lord
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Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

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The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:

Joseph A. Twarowski

Dated:

Mar. 19, 2007

Name:

Joseph A. Twarowski

Title:

Assistant General Counsel

Sun Microsystems, Inc.

APPENDIX A

1. **Patent Application/Serial No.:** 10/799,049
 Title: GARBAGE-FIRST GARBAGE
 COLLECTION
 Filed: 3/12/2004
 Assignee: Sun Microsystems, Inc.
 Reel/Frame No.: 015079/0946
 Reference No: 33226/940001; SUN040074

2. **Patent Application/Serial No.:** 10/366,851
 Title: MULTI-LEVEL UNDO OF MAIN-
 MEMORY AND VOLATILE RESOURCES
 Filed: 2/14/2003
 Assignee: Sun Microsystems, Inc.
 Reel/Frame No.: 013681/0376
 Reference No: 33226/945002; P7499

3. **Patent Application/Serial No.:** 10/080,135
 Title: METHOD AND APPARATUS FOR
 SPECULATIVE ARBITRATION
 Filed: 2/21/2002
 Assignee: Sun Microsystems, Inc.
 Reel/Frame No.: 012623/0569
 Reference No: 33226/944001; P6999

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4. **Patent Application/Serial No.:** 10/800,363
 Title: MIXING COPYING COLLECTION AND
 CONCURRENT MARKING
 Filed: 3/12/2004
 Assignee: Sun Microsystems, Inc.
 Reel/Frame No.: 015983/0314
 Reference No: 33226/938000; SUN040073
5. **Patent Application/Serial No.:** 08/412,157
 Patent No.: 5,572,666
 Title: SYSTEM AND METHOD FOR
 GENERATING PSEUDO-RANDOM
 INSTRUCTIONS FOR DESIGN
 VERIFICATION
 Filed: 3/28/1995
 Assignee: Sun Microsystems, Inc.
 Reel/Frame No.: 007474/0344
 Reference No: 33226/924001; P0567
6. **Patent Application/Serial No.:** 10/394,813
 Title: ELISION OF WRITE BARRIERS FOR
 STORES WHOES VALUES ARE IN
 CLOSE PROXIMITY
 Filed: 3/21/2003
 Assignee: Sun Microsystems, Inc.
 Reel/Frame No.: 013905/0661
 Reference No: 33227/023001; P7479

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7. **Patent Application/Serial No.:** 10/073,851

Title: COMPUTER SYSTEM AND METHOD
PROVIDING A MEMORY BUFFER FOR
USE WITH NATIVE AND PLATFORM-
INDEPENDENT SOFTWARE CODE

Filed: 2/11/2002

Assignee: Sun Microsystems, Inc.

Reel/Frame No.: 012589/0771

Reference No: 33226/927001; P7056NP

8. **Patent Application/Serial No.:** 10/394,812

Title: COMBINING WRITE-BARRIERS
WITHIN AN INTER LOOP WITH FIXED
STEP

Filed: 3/21/2003

Assignee: Sun Microsystems, Inc.

Reel/Frame No.: 013905/0589

Reference No: 33226/937001; P8319

9. **Patent Application/Serial No.:** 10/644,344

Patent No.: 7,149,762

Title: HANDLING FUTILE COLLECTIONS IN
THE TRAIL ALGORITHM THROUGH
SELECTIVE EXTENSION OF THE
COLLECTION SET

Filed: 8/20/2003

Assignee: Sun Microsystems, Inc.

Reel/Frame No.: 014415/0840

Reference No: 33226/943001; P8228

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10. Patent Application/Serial No.: 09/551,113

Title: CONCURRENT SHARED OBJECT
IMPLEMENTED USING A LINKED-LIST
WITH AMORTIZED NODE
ALLOCATION

Filed: 4/18/2000

Assignee: Sun Microsystems, Inc.

Reference No: 33226/960000; P4665

11. Patent Application/Serial No.: 10/664,799

Title: BLINDED ENCRYPTION AND
DECRYPTION

Filed: 9/18/2003

Assignee: Sun Microsystems, Inc.

Reference No: 33227/009001

12. Patent Application/Serial No.: 10/313,878

Patent No.: 7,143,124

Title: DETECTION OF DEAD REGIONS DURING
INCREMENTAL COLLECTION

Filed: 12/6/2002

Assignee: Sun Microsystems, Inc.

Reel/Frame No.: 013559/0709

Reference No: 33226/977001; P8275